

ABSTRACT OF THE DISCLOSURE

An optical module includes a flat substrate, an electric connection terminal provided on the substrate, an optical element provided on the substrate, the optical element being connected with the electric connection terminal, and one end of a slender light transmitter fixed on the substrate and optically coupled with the optical element. The electric connection terminal is connectable with an external connector. The connector (or socket) is first mounted on an electric circuit board by reflow soldering or the like, and then the optical module having the slender light transmitter (or optical fiber) is electrically connected with the connector.